

Uganda – Land and Agriculture

presented by

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and
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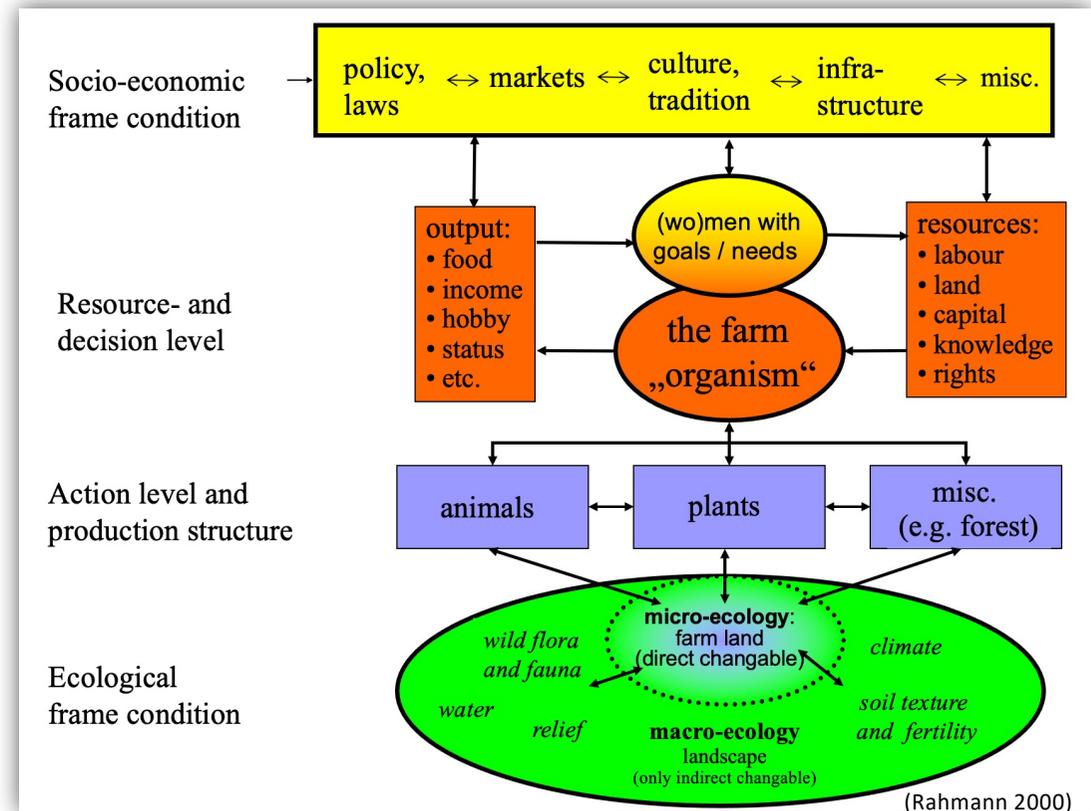
Trenthorst, 17th June 2021, online



Presentation Outline

- Agro-ecological frame conditions in Uganda
 - About Uganda; Administrative
 - Agro-ecological conditions
 - Agricultural Landscape
- Socio-economic frame conditions in Uganda
 - Culture
 - Infrastructure
- About Our Farms
 - Maureen Kaliisa's farm
 - Lucky Kirungi's farm
- Conclusion

New Farming Systems Research + Development model (NFSR+D)



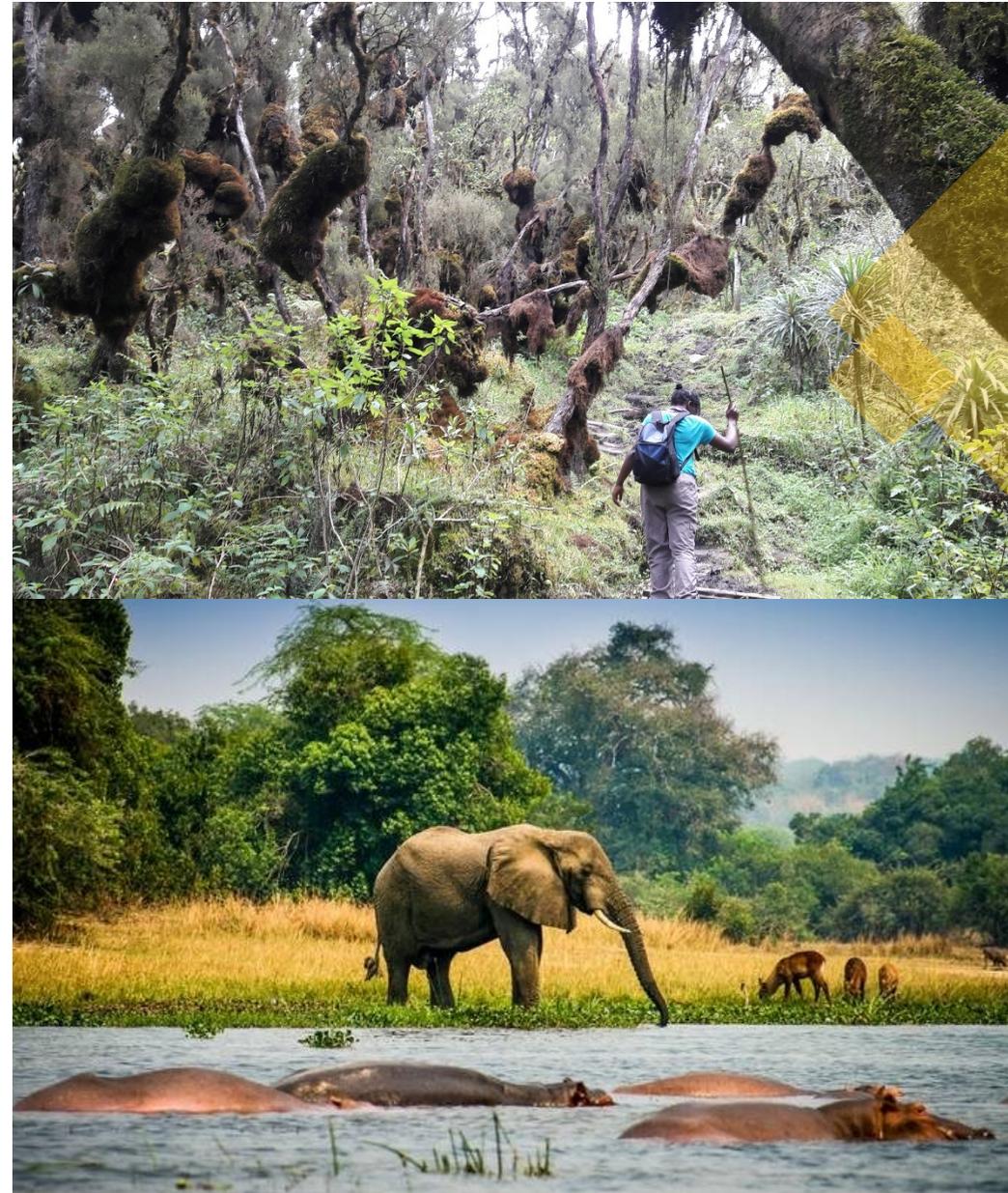
About Uganda

- ✓ Republic of Uganda, after 1962 independence from Britain
- ✓ Land Locked Country
- ✓ 44 million People and still raising
- ✓ Land area: 241,500 km²
- ✓ tropical climate



Agro-Ecological Conditions

- Climate:
 - Tropical climate
 - Annual temperatures between 23-31 degrees
 - Annual rain fall of 600 – 1000mm
 - Dry seasons: December – February and June – August
 - Wet seasons March – May and Sept – November
- Relief:
 - Altitude between 1000 – 1400 meters
- Water:
- 15.3% of Uganda is covered by fresh water bodies L.Victoria is the biggest lake in Africa
- Soils:
 - Fertile
- Natural Flora and Fauna:
 - Diverse Biodiversity
 - Africa's Big 5
 - Best protection for wild life
 - Tourism destination



Agricultural landscape (Micro-ecology)

- ✓ 70% of Uganda's population is involved in Agriculture
- ✓ Fertile soils and good climate favor agriculture
- ✓ The agricultural production systems are largely rainfed
- ✓ Main crops are coffee, bananas, cocoa, tea, ...



Socio-economic frameconditions Uganda

- ✓ Uganda is the most ethnical diverse country in the world
- ✓ The country is home to about 65 different ethnic groups and tribes
- ✓ Over 30 indigenous languages are spoke in Uganda
- ✓ Languages: English, Swahili, Luganda and other local languages
- ✓ Uganda is a highly religious country with over 84 percent of the population being Christian while about 14 percent of the population are Muslims.





Socio-economic Continued... Infrastructure

- **Communication:** To provide faster internet speeds, 4G technologies have been rolled
- **Transport:** Good road network across the country.
 - Limited use of railway transport only for cargo
- **Energy:** Main source of energy is hydro power with isolated cases of solar especially in the country side

Food and Beverages

- The traditional Ugandan society is patriarchal in nature
- Food: Most people, except a few who live in urban centers, produce their own food. Most people eat two meals a day: lunch and supper
 - What Ugandans call food is mainly starch from Matoke (Bananas), Potatoes and Posho (Maize flour)



We and our Farms



Maureen Kaliisa

Lucky Kirungi

Maureen Kaliisa

- BSc in Computer Science
- A farmer Information Officer with a Non Profit organization.
- Run a meat and fish butcher in Fort Portal the tourism Town of Uganda
- Started a farm in 2019 28Km away from Fort Portal town
 - To produce for the butcher
 - Earn extra income
 - And plan to showcase the farm activities

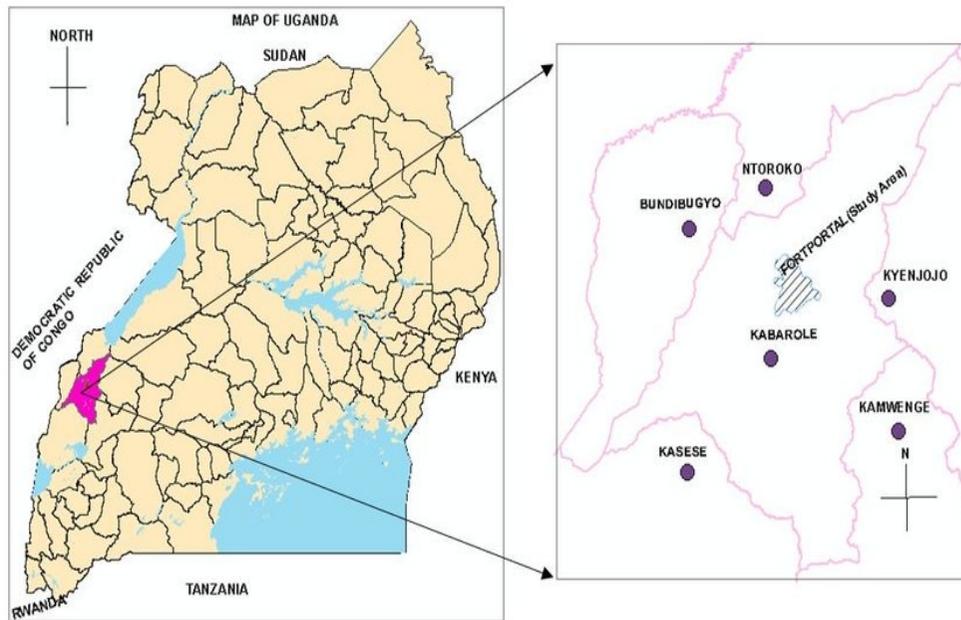


My Family



Where I come From.....

Kabarole District, Fort Portal Town
in Western Uganda.



55,000



1500

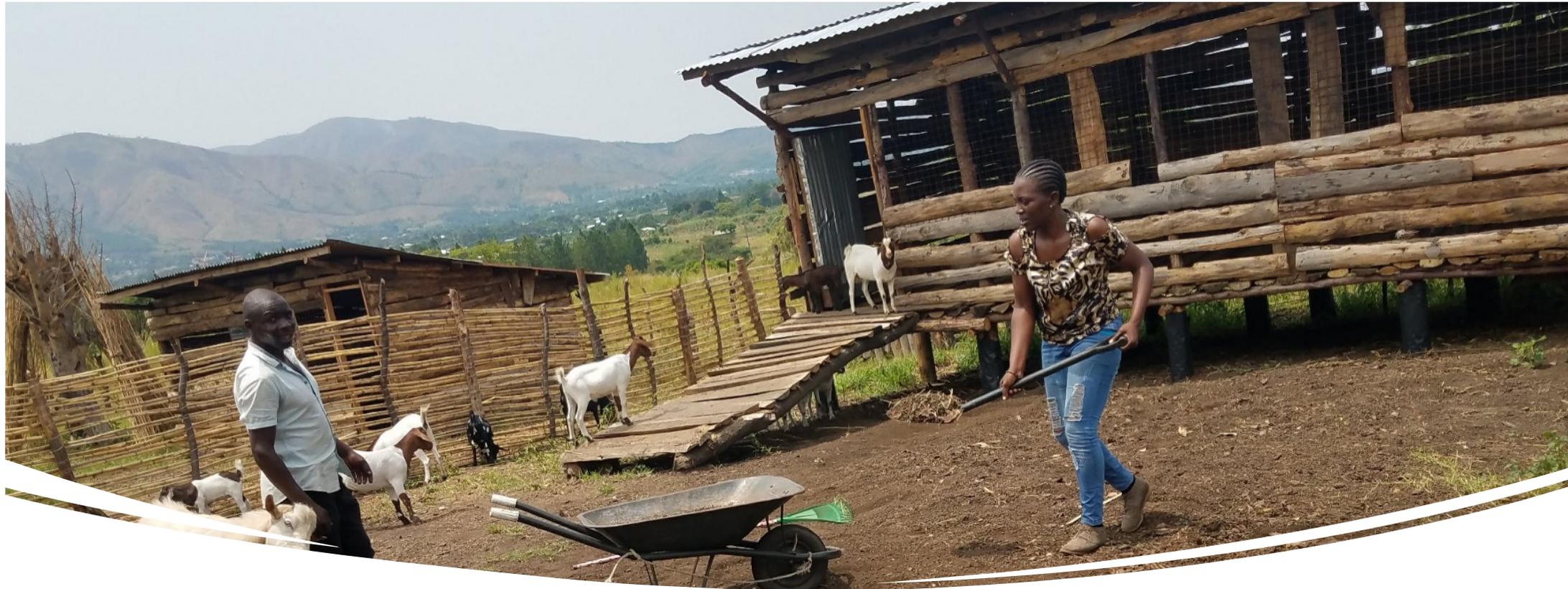


- Infrastructure; Road network to Congo and Rwanda Borders
- Regional Hospital
- Tourism Potential

My Farm

- Seats on 17 Acres of Land
- Located in Ntoroko District, 28Km from Fort Portal Town
- In the rift valley
- Close to a national park
- Cleared grass land to prepare land for production and keep animals
- Keep goats, chicken and grow crops; Bananas, Cocoa and maize





Goats

- Started with 6 she goats and 2 He goats, they have since multiplied to 25
- A mixture of Boers, local breed_ Mubende Goat and a savanna cross; weighing between 20-35Kg.
- Keeping them For Meat and mainly to sell in my Butcher;
- They graze on free range with supplement feed; Napia grass. Water is got from the stream close by.
- Use the goat manure for the crop fields

Chicken

- 50 Kroilers and 6 Local chicken all on Free range
- Food supplement with maize bran
- Duo purpose
- Plan to keep 2000 all on free range for Duo purpose



Cocoa Plantation with Banana

- Planted March 2021
- Bananas are a staple food for most Ugandans
- They mature in 180days





Kirungi Lucky

- Born 35years ago I hold a BSC Accounting and Finance.
- Until Feb 2020 I was an Account Assistant with Toyota Uganda.
- Currently am full time farmer in Kibaale District 219kms from the capital Kampala.
- I started farming out of passion in 2017

Location of my Farm on the Ugandan Map



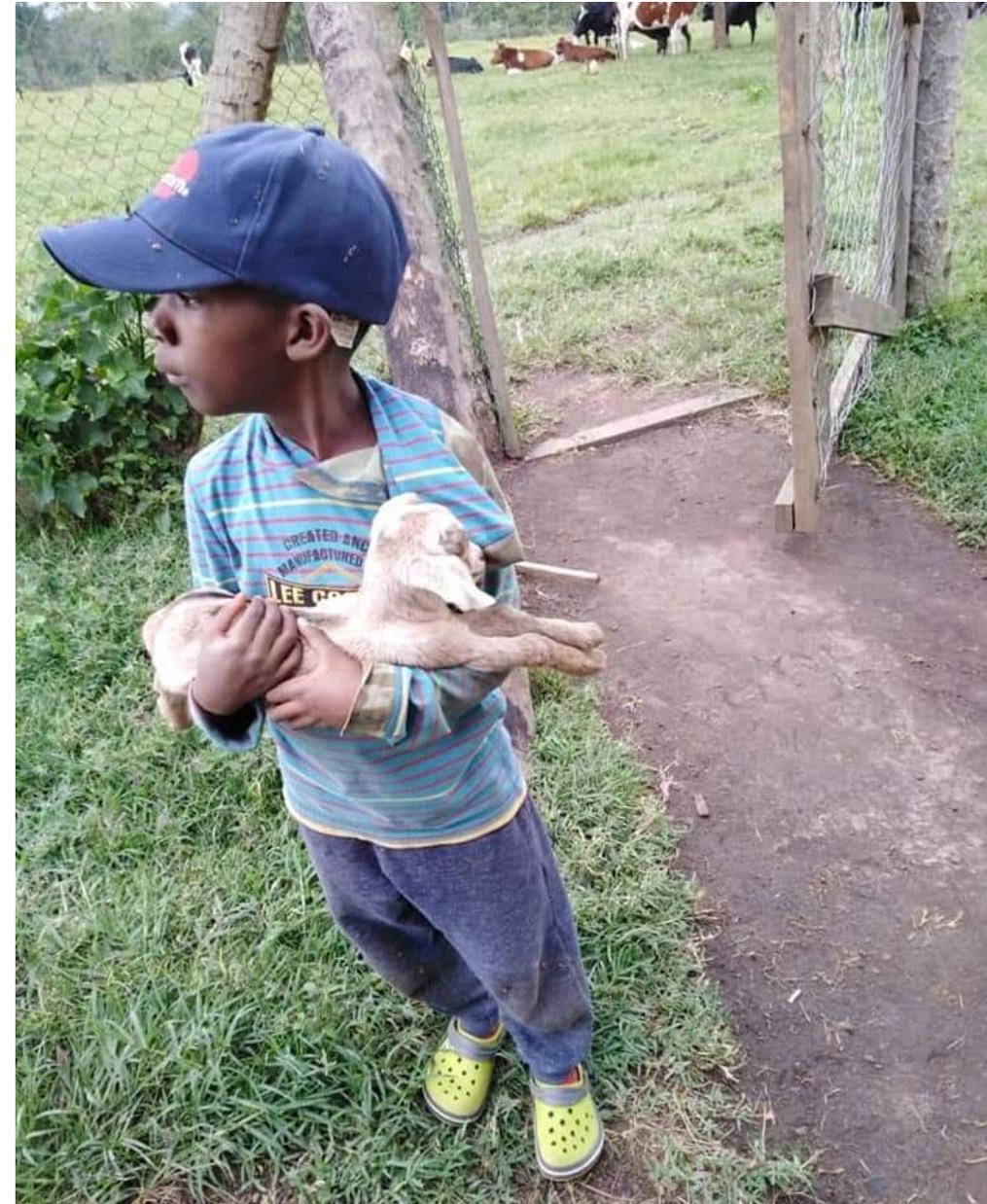
Rwanda

- ❖ Population of 681,300 People
- ❖ Altitude of 1500 above sea level

- ❖ Infrastructure good road network from the capital city
- ❖ Fair marram roads within the district.
- ❖ Good access to nearer districts by road

My Family

- Am a mother of an eight year old son.
- Am a second born in a family of four girls.
- Am raising my son to take over from me.



My Farm

- It seats on 300 acres owned by my Grandfather
- Located in Western Uganda with good road network.
- I cleared a forest to restart the farm.
- I grow crops like maize, beans and bananas I also rear animals like cows, pigs and goats.



Background of the Farm

- Started in the 1980's by my Grandfather
- Revived it in 2017 with maize cultivation.
- He's now a retired banker who helps me run the farm.



Maize Project

- Maize is a staple food
90% of production is for human consumption 10% animal feeds.
- Can grow almost everywhere in Uganda.
- I mainly use it to feed my animals and the cobs as bedding for my pigs.



Activities on the Farm

- I run a piggery project of 5 cross Large white mothers and 1 cross Camborough father.
- I started in July 2020 I plan to expand this by also adding value to pork products.
- I feed them mainly on corn and concentrates that I buy from Hendrix.

Piggery Project





Goat Project

- I have 165 goats a mixture of local (mubende Goat) and South African Boar to improve my variety.
- Intend to keep them for diversification purposes but also goats meat is highly demanded.



Cattle Project

- I have 35 cross Holstein Friesian cattle for milk production. Cows in my culture is a sign of wealth and prestige so my grandfather keeps them for that.

Conclusion

- Agricultural trainees from Uganda, with support from UNYFA, AHA and Schorlemer Stiftung with financial support from BMZ; attached to the Thunene Institute with the following objectives;
 - To get exposed and learn from the agricultural practices in Germany
 - Cultural exchange
- For the last 2.5 months, we have been able to observe and participate in various activities at the institute that have inspired us.
- The experiences and skills obtained will help us improve our farms in Uganda.



Thank you

Lucky Kirungi & Maureen
Kaliisa

